

# EchoPanel Diamond Tiles Installation Guide

**Note: Please read the entire Installation Guide before application.**

The installation guide is intended to provide installers with helpful information regarding EchoPanel® Diamond Tiles prior to installing the material. Kirei accepts no responsibility for installation actions taken or not taken. This installation guide is not intended to be an in-depth guide; installers' knowledge as experienced tradesman needs to be applied.

This installation guide serves only as a recommendation for installing and handling EchoPanel Diamond Tiles. If you have questions about application or techniques, contact Kirei at [www.kireiusa.com](http://www.kireiusa.com) or 619.236.9924.

## ECHOPANEL DIAMOND TILES SPECIFICATIONS

### What are Diamond Tiles?

Diamond Tiles are a unique three-dimensional tile made with EchoPanel, a decorative acoustically absorbant material with a felt-like finish. It is made from 100% PET thermally stable plastic which, depending on the color, contains up to 60% post-consumer content. EchoPanel is also recyclable in the PET waste stream. Please consult the Diamond Tiles spec sheet for material specifications.

### Fire Rating

EchoPanel Diamond Tiles are rated ASTM E84 Class C. Diamond Tiles can be treated to satisfy Class A requirements as needed. Check the Fire Rating requirements for your Project, Building or Municipality in advance. ASTM E84 test results can be obtained by contacting Kirei.

### Low VOC Material

EchoPanel is considered a low-VOC emitting material making it a healthy building option for interior finishes. EchoPanel is CDPH (CA 01350) Compliant TVOC: <0.5 mg/m<sup>3</sup>, and Ecospecifier GreenTag Compliant; TVOC: 0.015 MG/M<sup>2</sup>/HR (ASTM D5516).

### Handling and Storage

Keep it clean! EchoPanel is an absorbent material and traps dirt, grime and debris just as well as it does sound. White glove handling is recommended for prep, processing and installation. Kirei is not responsible for mishandling on the job site.

Keep it flat! If cutting, drilling or mounting hardware on site, make sure that Diamond Tiles are evenly supported on a flat, clean surface. Improperly handled material can crease.

Storage areas should be clean, dry, cool, and well ventilated.



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## Handling and Storage (Cont.)

All Diamond Tiles products are inspected prior to shipment. Kirei is not responsible for damage in shipment or in storage; customers should carefully inspect all items at time of delivery and note any obvious damage on the delivery receipt. For the customer's protection subsequently discovered concealed damage must be reported immediately to the carrier. Claims to Kirei will not be considered if the sheet has been worked by the customer or others. No claims for labor charges will be allowed in any circumstances.

To handle and store Diamond Tiles properly, follow these guidelines:

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Keep Diamond Tiles as clean as possible during storage. Diamond Tiles should be kept free from grease, wax, dust, and chips that could leave impression.
- Store Diamond Tiles indoors, in a dry, cool, well-ventilated area.
- Avoid exposure to heat 150°F (65°C) or greater.
- Keep table tops clean to avoid scratching.
- Inspect for defects, then recover for protection during fabrication.
- Wear clean white gloves when handling Diamond Tiles.
- Do NOT store Diamond Tiles near radiators, steam pipes, or in direct sunlight.

## Cleaning and Care

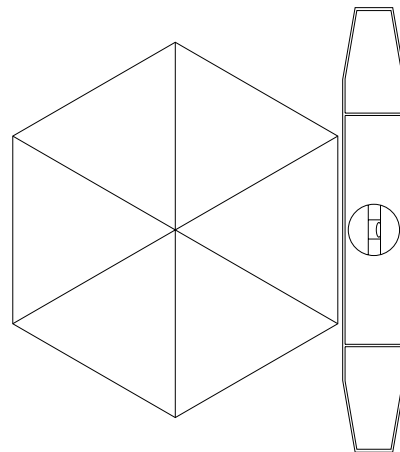
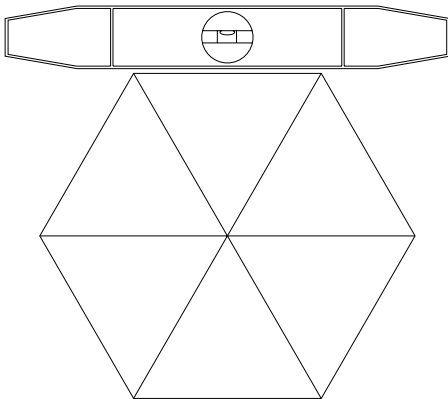
Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner such as ZEP Commercial Instant Spot Remover has been used with success for some light soil situations. No guarantee is given for cleaning results with this product.

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## Installation

*Note: Installers are responsible for the construction adhesive for installation.*

1. Determine the location of install and measure the area to ensure the arrangement will fit.
2. Set up the arrangement of Diamond Tiles on a clean, flat surface such as a table or the ground. Establish the correct design/pattern and measure to ensure arrangement will fit in the install area.
3. Establish a starting point for the install at the far left or right of the arrangement by measuring off the floor and the wall to center the install.
4. Use a level to align the first piece either horizontally or vertically depending on the intended aesthetic, and mark the wall.
5. Add construction adhesive to the backer of the diamond and press the element firmly onto the wall and hold in place while adhesive cures.
6. If multiple elements are being installed, index off of the first element to align the second. Then apply adhesive and install.



7. Repeat steps 5 and 6 as necessary.



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## **Work Safety**

In the interest of work safety, it is recommended that people working with Kirei Diamond Tiles wear the appropriate safety equipment. Although the product emits zero off-gases, masks and gloves should be worn to ensure the maximum possible safety precautions. For an SDS form, please contact Kirei at [info@kireiusa.com](mailto:info@kireiusa.com) or 619.236.9924.

## **Final Note**

Kirei will not be responsible for any cutting or mounting not performed by Kirei staff.

**For any other questions or concerns, please contact Kirei.**